

MasterOnNewTechnologiesUsingServices

INSIGHTS Master Program

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Outline

- List of required documents
- Intended work assignment
- Project output requirements

List of required document

- Link on Google drive: https://docs.google.com/spreadsheets/d/1qF-utnzlh_o0u6pfYz-qr1UEMToV7Zol/edit#gid=545730650
- Syllabus
- Curriculum
- Proposal

Syllabus

- Status
 - Finish all syllabus with the old template
- Next step
 - Need to convert syllabus to new template.
- Link:
https://drive.google.com/drive/folders/1uD7KcnbIF9F4RI395EM4Lx9JY_JnpNsO?usp=sharing

MONTUS Project > MASTER INSIGHTS > Syllabus ▾

Tên

VER19022020_new_to_update

VER01112019-old



MONTUS Project > MASTER INSIGHTS > Syllabus > VER19022020_new_to_update ▾

Tên

Sửa đổi lần cuối



Kích cỡ tệp

Modification guideline for Syllabus.pptx

8 thg 7, 2020 tôi

631 KB

3_Template_Syllabus_INSIGHTS.docx



7 thg 7, 2020 tôi

36 KB

Curriculum

- Status:
 - New
- Next step:
 - VNU is PIC but requests supports from other teams
- Link: <https://drive.google.com/drive/folders/1S1Pih1Rsw9VC9e08GBcEM1xiy3KueNXB?usp=sharing>

MONTUS Project > MASTER INSIGHTS > Curriculum ▾

Tên	Sửa đổi lần cuối	↓	Kích cỡ tệp
 Learning Outcome	8 thg 7, 2020	tôi	—
 2_ Curriculum_INSIGHT_to_fill.docx.doc	7 thg 7, 2020	tôi	147 KB

Curriculum contents (1/2)

Contents

PART I: GENERAL INTRODUCTION TO THE TRAINING PROGRAM (VNU)	2
1. Some information about the training program (VNU)	2
2. The objective of the training program (Dominique)	2
3. Admissions information (VNU)	3
PART II: EXPECTED OUTCOMES OF THE MASTER TRAINING PROGRAM (HAU)	4
1. Knowledge	4
2. Skill	4
3. Moral qualities	4
4. Employment placement after graduation	4
5. Ability to study, improve proficiency after graduation	4
6. International standard programs and documents referenced by the training unit to formulate the training program	4

Curriculum contents (2/2)

PART III: CONTENT OF TRAINING PROGRAM (VNU)	5
1. Summary of training program requirements	5
2. Program framework	5
3. List of references material	5
4. List of lecturers	5
5. Instructions for implementing the program	5
5.1. Counseling for students	5
5.2. Schedule	5
5.3. Teaching - learning, testing – evaluation	5
6. Compare the master training program with other advanced training program in the world (Dominique)	5
6.1. Master's program at USA (UT2J)	5
6.2. Master's program at France (UT2J+ENSA+CY)	5
6.3. Master's program at Belgium (VUB)	5
6.4. Master's program at Italy (UNIFE)	5
6.5. Master's program at Thailand (AIT+WU)	5
6.6. Master's program at Vietnam (VNU+HAU+DU+NLU)	5
6.0. Training program for Master of Information Security at the Center of Computing, National University of Singapore (Example)	5
7. Summary of subject content (VNU)	9

Proposal

- Status:
 - New
- Next step:
 - VNU is PIC but requests supports from other teams
- Link: <https://drive.google.com/drive/folders/1rxlRchsJeRiSY2CnntmSjD8moZecLrXO?usp=sharing>

MONTUS Project > MASTER INSIGHTS > Proposal ▾

Tên	Sửa đổi lần cuối	↓	Kích cỡ tệp
1_Proposal_INSIGHT_to_fill_English_Only.docx	23 thg 10, 2020	dominique Laffly..	2 MB
Proposal_Appendix.xlsx	4 thg 9, 2020	dominique Laffly	25 KB

Proposal contents (1/2)

1. Introduction to the training institution	4
1.1. VNU University of Engineering and Technology (UET)	4
1.2. Department of Information Technology (UET)	5
2. Essential basis for the opening of the INSIGHTS master program (Dominique)	6
2.1. Reason for opening INSIGHTS master program (Dominique)	6
2.2. The legal basis for opening the INSIGHTS master program (NLU)	9
2.3. Scientific basis on INSIGHTS specialization (Dominique)	10
2.4. Survey, analyze and assess the need of human resources in the field of INSIGHTS (VNU, NLU, HAU, DNU)	14
2.5. Possibility to include INSIGHTS in the list of Vietnamese academic fields (VNU)	16

Proposal contents (2/2)

3. Training situation in the world and in Vietnam on INSIGHTS	17
3.1. Training situation in the world Phuong & Truong	17
3.2. Training situation in Vietnam (VNU summarize)	22
3.3. INSIGHTS program development approaches (VNU)	23
4. Admission to the INSIGHTS master program at VNU- UET (UET)	24
5. Conditions for ensuring the quality of the program (VNU)	25
6. Cooperative INSIGHTS Program (UET)	29
7. Accounting of Revenues and Expenditures of the Deployment (UET)	29
8. Reference (DNU)	30
9. Similar programs in the last 5 years	33
9.1. INSIGHTS master training program in Vietnam (HAU, VNU, NLU, DNU)	33
9.2. Master program in INSIGHTS in the world (Dominique)	37

Proposal Appendix

- Request each member to fill in with personal career information

Appendix 1: Staff participating in the INSIGHT master's program								
No	Fullname, Year of birth	Titre, Year of approval	Year of receive PhD degree	Research field	Number of master and PhD supervised	Number of master and PhD supervising	Number of paper published in national journal (2015 - 2020)	Number of publishe internationa (2015 - 2
1.	Nguyen Thi Nhat Thanh, 1980	Assoc. Prof., 2018	2012	Engineering, Applied and Computational Mathematics, Remote Sensing, Air Quality Modeling	4	5	10	45
2.	LAFFLY Dominique, 1966	Full Prof, 2008	1995	Geography, Remote Sensing, GIS	10 PhD, 50 masters	6 PhD, 2 masters	23	17

- Link:

<https://drive.google.com/drive/folders/1rxlRchsJeRiSY2CnntmSjD8moZecLrXO>

Working Assignment

- Link: https://docs.google.com/spreadsheets/d/1qF-utnzlh_o0u6pfYz-qr1UEMToV7Zol/edit#gid=545730650

Project output requirement for INSIGHTS

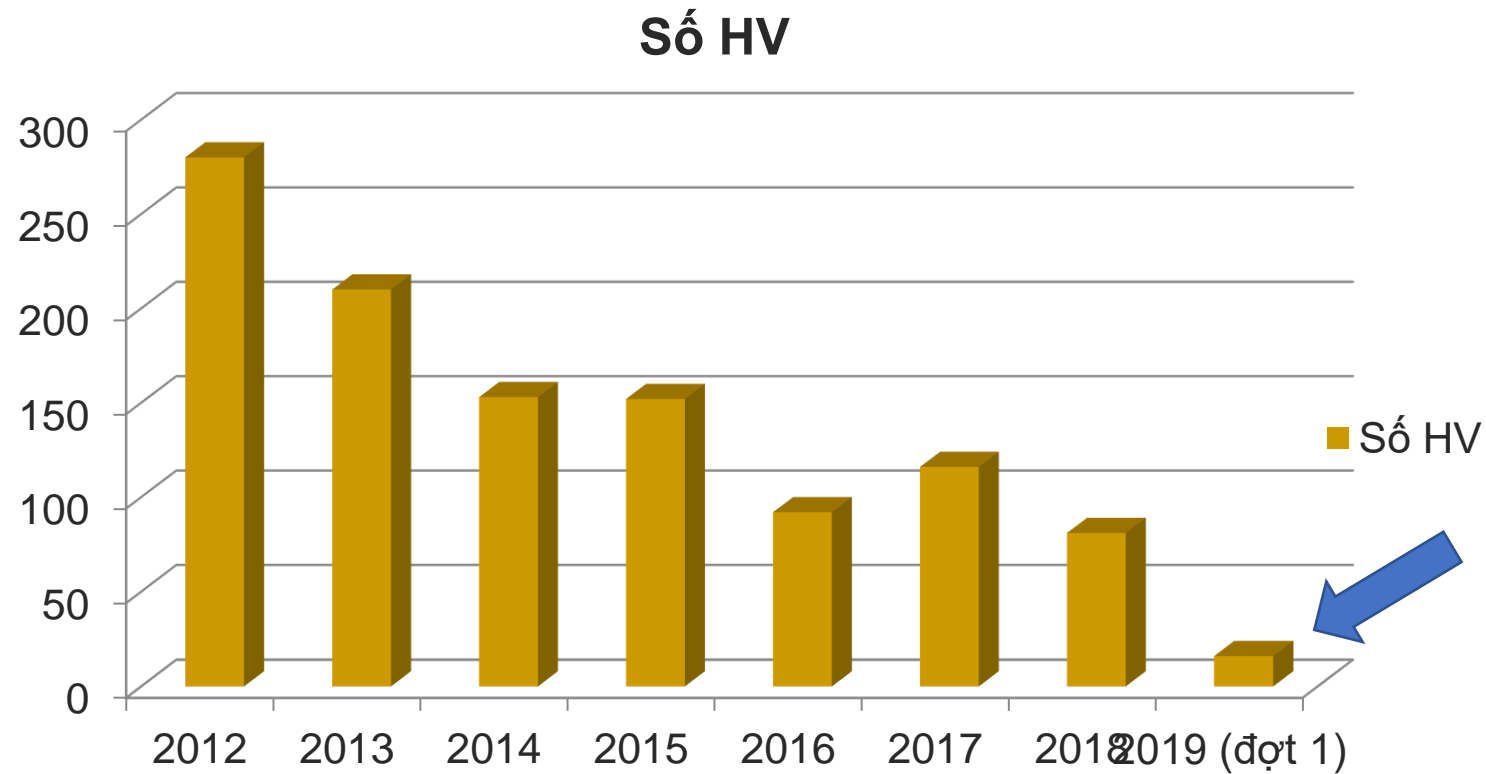
A26		Quality	
Workpackage	Activity N°	Short description of tasks and results achieved	D
22	Development WP2, activity D10	<u>Participation to workshop 7 at UNIFE (Italy),</u> Task : Deep Learning and GPU session, presentation of the model of the book and the publisher, an update on the start of the academic year of year 1 of the INSIGHTS master, implementation of the transition phase to establish the sustainability of the master after MONTUS, the latest SaaS CPU/GPU development on HUPI, fundamental reminders on the closing calendar of MONTUS for the writing of the final report and the financial audit.	2021, September or October or 2022 February
23	Development WP2, activity D11	<u>Design of the syllabus INSIGHTS</u> Task : development of the master program (writing about specific thématiques, analyses and coherence with the accreditation) Results : INSIGHT's master curricula	throughout the project
24	Quality WP3, Activity Q1	<u>Workshop and project evaluation</u> Description: QAP / evaluation of workshops and the project with MCQ Tasks: Ensure the proper dissemination of MCQs and collection of responses Synthetic analysis of the results (autodiagnostic) Drafting of the report and distribution to interested institutions and services Result: mid- QAP report	throughout the project
25	Quality WP3, Activity Q2	<u>VUB Belgium quality assessment meeting</u> Self-assessment and assessment	October 2020
26	Quality WP3, Activity Q3	<u>Evaluation of INSIGHT's master and MONTUS project :</u> Description: evaluation of the creation and opening of the master Tasks: Ensure the proper dissemination of autodiagnosics and collection of responses Synthetic analysis of the results Drafting of the report and distribution to interested institutions and services Result: final QAP report	At the end of the project
		<u>Assessment of the transfer of skills to new partners in Asia</u>	

Proposal for INSIGHT master

- Finish requested formal documents for VNU
- Submit to VNU, following VNU procedures, to get the responses
- For equipment
 - A new version of HUPI was updated directly by UT2J and could be used for MONTUS project activities.
 - Other equipment (costed \$20,000) will be determined if INSIGHTS is able to open at VNU (updated contracts between UT2J and VNU UET)

Current Master Program at VNU UET

- Faculty of Information Technology (where the INSIGHTS will be hosted)
 - Number of current Master programs: 10
 - Number of Master students by year



Future Plan

	Content	Partner	Time
1	In short/middle/long-term plan of UET must have a plan for opening MONTUS master	-	Done
2	UET must issue an Official Decision to create an Expert Team to prepare the Proposal to open new MONTUS Master program and point out the Team Leader	-	Done
3	Expert Team prepare The 1st draft of the Proposal to open new MONTUS Master program: <ul style="list-style-type: none">▪ Curriculum framework▪ Course syllabus Guidelines: <ul style="list-style-type: none">- Find and chose a similar program in the world- Build the MONTUS program based on that.	All	Dec 2020
4	<ul style="list-style-type: none">- A survey for social needs: (i) Questionnaires; (ii) Deliver questionnaires; (iii) Summaries the results- Based on the Survey results, prepare The 2nd draft of the Proposal to open new MONTUS Master program	VNU + HAU/DN/NL	Jan 2021

	Content	Partner	Time
5	<p>Develop The Output Criterias for the MONTUS Master Program:</p> <ul style="list-style-type: none">- Organize an workshop- Develop Output Criterias- Meeting with FIT (Faculty of Information Technology) Board of Science and Technology to refine the Output Criteria	VNU (HAU for Output Criteria)	Feb 2021
6	<ul style="list-style-type: none">- Matrix for Knowledge, Skills Development- Conducted by FIT Board of Science and Technology to refine the Output Criterias- Add the Matrix to The 2nd draft of the Proposal to open new MONTUS Master program	VNU team (request related participants if necessary)	Mar 2021
7	<ul style="list-style-type: none">- Hold an workshop- Output: The 3rd draft of the Proposal to open new MONTUS Master program	VNU, HAU, DN, NLU	Apr 2021

	Content	Partner	Time
8	UET Board for Science and Technology organize a meeting to check The 3rd draft of the Proposal to open new MONTUS Master program - Output: Curriculum of the MONTUS Master Program	VNU team (request related participants if necessary)	May 2021
9	UET submit the Curriculum of the MONTUS Master Program to VNU		June 2021
10	- VNU Dept. of Training, VNU Dept of Finance and experts check the MONTUS Master Program		
11	- VNU President make the final decision		Oct 2021

3	<p>Expert Team prepare The 1st draft of the Proposal to open new MONTUS Master program:</p> <ul style="list-style-type: none"> ▪ Curriculum framework ▪ Course syllabus <p>Guidelines:</p> <ul style="list-style-type: none"> - Find and chose a similar program in the world - Build the MONTUS program based on that. 	-	Dec 2020
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No	Work (All document in English and Vietnamese)	VNU contact	Partner	Deadline
1	Syllabus	PVHa	All	Nov 15, 2020
2	Curriculum	PVHa		Dec 31, 2020
3	Proposal	TVTruong, LQThang		Dec 31, 2020
	Review a similar master programs in EU (top 200 of the world)		Dominique	Nov 31, 2020
	Review the similar master program in the North/Middle/South of VN		HAU/DN/NLU	Nov 31, 2020
	Appendix		All	Nov 15, 2020
	Other			Dec, 2020

Team	PIC	Email	Content
VNU	Pham Van Ha	hapv@fimo.edu.vn	Syllabus, Curriculum
VNU	Tran Van Truong	tranvantruong@hus.edu.vn	Proposal
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Thank you for your attention